

Claims

- [c1] 1. A video game system having sound device, comprising:
- a video game player, comprising a game controller, said game controller comprising a first memory card slot, a second memory card slot and buttons
- a sound adaptor comprising a second control circuit, a microphone switch and a volume regulator, wherein said first memory card slot is adapted for receiving said sound adaptor;
- a headset jack, connected to said second control circuit;
- a sound device, connected to said game controller of said video game player, wherein said sound device can be received in said second memory card slot, wherein said sound device comprises a third communication interface, a third control circuit and a speaker, a microphone and a sound transmission wire, wherein said third communication interface, said speaker, said microphone and said sound transmission wire are connected to said third control circuit, said third communication interface is connect to said second memory card slot of said game controller; said third control circuit is connected to said headset jack of said sound adaptor via said sound trans-

mission wire for allowing a signal communication between said sound adaptor and said third control circuit of said sound device via said sound transmission wire, and wherein said third control circuit is adapted for controlling a volume of said speaker and for turning on/off said microphone.

- [c2] 2. The video game system having sound device according to claim 1, wherein said third control circuit comprises an auto-gain circuit for balancing an over loud volume sound or a low volume sound and an echo canceling circuit for canceling an echo.
- [c3] 3. The video game system having sound device according to claim 1, wherein said game controller is a palm joystick.
- [c4] 4. The video game system having sound device according to claim 1, wherein said game controller is a steering wheel.
- [c5] 5. The video game system having sound device according to claim 1, wherein said game controller is a dancing pad.
- [c6] 6. The video game system having sound device according to claim 1, wherein said game controller is a joystick.

- [c7] 7. The video game system having sound device according to claim 1, wherein said game controller is a flight joystick.
- [c8] 8. The video game system having sound device according to claim 1, wherein said game controller is a light beam gun.
- [c9] 9. A video game system having sound device, comprising:
 - a video game player;
 - a sound adapter, comprising a second control circuit, a second communication interface, a volume regulator, a microphone switch and a headset jack, wherein said second communication interface, said volume regulator, said microphone switch and said headset jack are connected to said second control circuit;
 - a game controller comprising a first control circuit, a first memory card slot, buttons, a speaker and a microphone, said first control circuit, said first memory card slot, said buttons, said speaker and said microphone are connected to said first control circuit, said game controller being connected to a second communication interface of said sound adaptor by a first memory card slot, and game controller is connected to said video game player via said first communication interface, and wherein said first control circuit is connected to said

headset jack of said sound adaptor via a sound transmission wire allowing a signal communication between said sound adaptor and said first control circuit of said game controller via said sound transmission wire, and wherein said first control circuit is adapted for controlling a volume of said speaker and for turning on/off said microphone.

- [c10] 10. The video game system having a sound device according to claim 9, wherein said first control circuit comprises an auto-gain circuit for balancing an over loud volume sound or a low volume sound and an echo canceling circuit for canceling an echo.
- [c11] 11. The video game system having sound device according to claim 9, wherein said game controller is a palm joystick.
- [c12] 12. The video game system having sound device according to claim 9, wherein said game controller is a steering wheel.
- [c13] 13. The video game system having sound device according to claim 9, wherein said game controller is a dancing pad.
- [c14] 14. The video game system having sound device according to claim 9, wherein said game controller is a joystick.

- [c15] 15. The video game system having sound device according to claim 9, wherein said game controller is a flight joystick.
- [c16] 16. The video game system having sound device according to claim 9, wherein said game controller is a light beam gun.
- [c17] 17. A sound device of video game system, said video game system comprising at least a video game player and a game controller having a first control circuit, said game controller connected to said video game player, said game controller comprising:
 - a second control circuit;
 - a first communication interface, connected to said first control circuit and buttons; and
 - a second communication interface, connected to said second control circuit, wherein said second control circuit is connected to a speaker, a volume regulator, a microphone and a microphone switch so that second control circuit can transmit a sound signal generated by said video game player via second communication interface to said speaker, wherein said volume regulator is adapted for adjusting a volume of said speaker.
- [c18] 18. The sound device of video game system having a

sound device according to claim 17, wherein said first control circuit comprises an auto-gain circuit for balancing an over loud volume sound or a low volume sound, and an echo canceling circuit for canceling echo.

- [c19] 19. The sound device of video game system having a sound device according to claim 17, wherein said game controller is a palm joystick.
- [c20] 20. The sound device of video game system having a sound device according to claim 17, wherein said game controller is a steering wheel.
- [c21] 21. The sound device of video game system having a sound device according to claim 17, wherein said game controller is a dancing pad.
- [c22] 22. The sound device of video game system having a sound device according to claim 17, wherein said game controller is a joystick.
- [c23] 23. The sound device of video game system having a sound device according to claim 17, wherein said game controller is a flight joystick.
- [c24] 24. The sound device of video game system having a sound device according to claim 17, wherein said game controller is a light beam gun.

